

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	370	"3,229,038" "3,238,304" "3,860,951" "3,883,692" "3,911,220" "3,916,104" "3,925,615" "3,944,748" "3,989,897" "4,027,101" "4,030,342" "4,085,291" "4,087,629" "4,087,631" "4,097,689" "4,135,158" "4,149,031" "4,149,036" "4,152,542" "4,162,457" "4,185,239" "4,188,504" "4,204,092" "4,208,546" "4,209,665" "4,214,267" "4,239,939" "4,251,688"	USPAT	OR	OFF	2009/09/23 15:27
L2	354	"3,229,038" "3,238,304" "3,860,951" "3,883,692" "3,911,220" "3,916,104" "3,925,615" "3,944,748" "3,989,897" "4,027,101" "4,030,342" "4,085,291" "4,087,629" "4,087,631" "4,097,689" "4,135,158" "4,149,031" "4,149,036" "4,152,542" "4,162,457" "4,185,239" "4,188,504" "4,204,092" "4,208,546" "4,209,665" "4,214,267" "4,239,939" "4,251,688"	USPAT	OR	OFF	2009/09/23 15:27
L3	30	((("3,229,038") or ("3,238,304") or ("3,860,951") or ("3,883,692") or ("3,911,220") or ("3,916,104") or ("3,925,615") or ("3,944,748") or ("3,989,897") or ("4,027,101") or ("4,030,342") or ("4,085,291") or ("4,087,629") or ("4,087,631") or ("4,097,689") or ("4,135,158") or ("4,149,031") or ("4,149,036") or ("4,152,542") or ("4,162,457") or ("4,185,239") or ("4,188,504") or ("4,204,092") or ("4,208,546") or ("4,209,665") or ("4,214,267") or ("4,239,939") or ("4,251,688"))).PN.	USPAT; USOCR	OR	OFF	2009/09/23 15:28

L4	17	((("4,268,915") or ("4,308,426") or ("4,316,058") or ("4,329,544") or ("4,334,740") or ("4,352,953") or ("4,388,494") or ("4,394,537") or ("4,446,488") or ("4,546,389") or ("4,549,228") or ("4,551,770") or ("4,553,176") or ("4,562,487") or ("4,599,611") or ("4,683,496") or ("4,893,342"))).PN.	USPAT; USOCR	OR	OFF	2009/09/23 15:38
L5	1	("20040170284").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 16:01
L6	5	"585479".ap.	US- PGPUB; USPAT	OR	OFF	2009/09/23 16:18
L7	1	6 and intensified	US- PGPUB; USPAT	OR	ON	2009/09/23 16:18
L8	460	381/66,93.ccls.	US- PGPUB; USPAT	OR	ON	2009/09/23 16:49
L9	188	8 and ratio	US- PGPUB; USPAT	OR	ON	2009/09/23 16:50
L10	139	9 and (concert hall auditorium stadium show)	US- PGPUB; USPAT	OR	ON	2009/09/23 16:56
L11	139	9 and (concert hall auditorium stadium "show")	US- PGPUB; USPAT	OR	ON	2009/09/23 16:57
L12	41	9 and (concert hall auditorium stadium )	US- PGPUB; USPAT	OR	ON	2009/09/23 16:57
L13	8	("4888808"   "5442712"   "5729614").PN. OR ("6442280").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:15
L14	173	381/318.ccls.	US- PGPUB; USPAT; USOCR	OR	OFF	2009/09/23 17:21
L15	67	14 and ratio	US- PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:21
L16	67	15 not 12	US- PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:22

L17	134	9 not (15 12)	US- PGPUB; USPAT; USOCR	OR	ON	2009/09/23 17:29
L18	64	381/66,93.ccls. and (loudspeaker with (direct\$4 close\$4) with microphone)	US- PGPUB; USPAT	OR	ON	2009/09/23 17:41
L19	5	381/318.ccls. and (loudspeaker with (direct\$4 close\$4) with microphone)	US- PGPUB; USPAT	OR	ON	2009/09/23 17:47

**EAST Search History (Interference)**

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**9/ 23/ 2009 5:47:39 PM**